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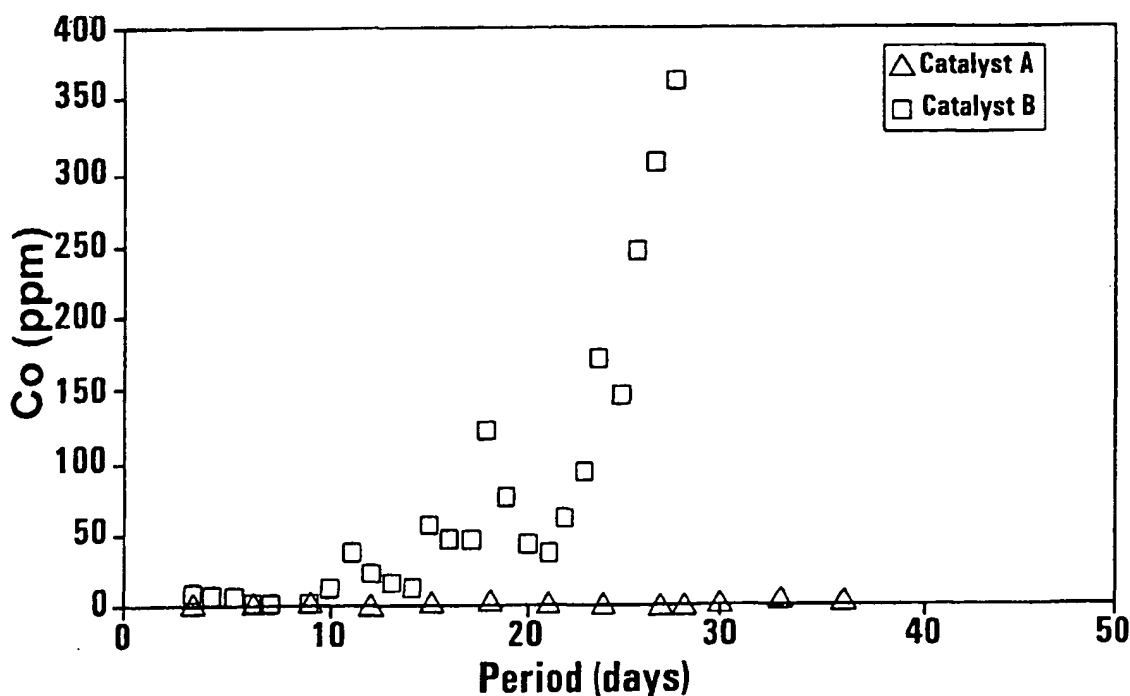
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- (21) International Application Number: PCT/IB2002/002911 (74) Agent: KOTZE, Gavin, Salomon; Adams & Adams Pretoria Office, Adams & Adams Place, 1140 Prospect Street, Hatfield, P O Box 1014, 0001 Pretoria (ZA).
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- (71) Applicant (for all designated States except US): SASOL TECHNOLOGY (PROPRIETARY) LIMITED [ZA/ZA]; 1 Sturdee Avenue, Rosebank, 2196 Johannesburg (ZA).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): VAN BERGE, Peter, Jacobus [ZA/ZA]; 4 Keiskamma Avenue, 9573 Vaalpark (ZA). VAN DE LOOSDRECHT, Jan [NL/ZA]; 63

[Continued on next page]

(54) Title: PRODUCTION OF FISCHER-TROPSCH SYNTHESIS PRODUCED WAX



(57) Abstract: A process for producing a clean wax product includes contacting, at an elevated temperature between 180°C and 250°C and at an elevated pressure between 10 bar and 40 bar, a synthesis gas comprising hydrogen and carbon monoxide with a cobalt slurry phase Fischer-Tropsch synthesis catalyst, in a slurry phase Fischer-Tropsch synthesis reaction. The catalyst is obtained from a successful catalyst support. A clean wax product containing less than 50 mass ppm submicron particulates of cobalt, is produced.

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## INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C10G2/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C10G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 42214 A (SASOL CHEMICALS EUROP LTD ; BERGE PETER JACOBUS VAN (ZA); LOOSDRECHT J) 26 August 1999 (1999-08-26) cited in the application claims 1,16 page 12, line 7 - line 10 page 12, line 29 - page 13, line 20 figure 9	1-4
P,X	WO 01 76735 A (PHILLIPS PETROLEUM CO ; KHARE GYANESH P (US)) 18 October 2001 (2001-10-18)	1-3,7
P,A	claims 1,-5 page 4, line 18 - page 5, line 4 page 10, line 3 - page 11, line 9 table I	4-6

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*Z\* document member of the same patent family

Date of the actual completion of the International search

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

De Herdt, O.

## INTERNATIONAL SEARCH REPORT

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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P,A	WO 02 07883 A (BERGE PETER JACOBUS VAN ; LOOSDRECHT JAN VAN DE (ZA); BARRADAS SEAN (Z) 31 January 2002 (2002-01-31) -----	

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